

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231 on April 18, 2003.

  
Debbie Prout

*Handwritten:* 4/12/03 43082

Applicant : Jin-Sung Kim, et al.  
Application No. : 09/766,520  
Filed : January 19, 2001  
Title : ELECTROLYTE FOR LITHIUM SECONDARY BATTERY AND  
LITHIUM SECONDARY BATTERY COMPRISING SAME  
  
Grp./Div. : 1745  
Examiner : Susy N. Tsang Foster  
  
Docket No. : 41546/DBP/Y35

RESPONSE TO ELECTION REQUIREMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

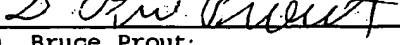
Post Office Box 7068  
Pasadena, CA 91109-7068  
April 18, 2003

Commissioner:

In response to the Office action of March 20, 2003, applicant hereby elects Claim Group I, namely, claims 1-4 and 6-8, drawn to an electrolyte comprising a non-aqueous organic solvent and sulfone based organic compound. Applicant also elects the sulfone compound expressed by formula (I) and elects R and R' to be alkenyl group.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By   
D. Bruce Prout  
Reg. No. 20,958  
626/795-9900

DBP/djp  
DJP PAS500092.1--4/18/03 9:20 AM

09766520  
00000003-031728  
FALLEN  
05/01/2003  
01-FC-1251  
110.00 CR

RECEIVED  
APR 28 2003  
TC-1700

Adjustment date: 12/17/2003 EEKUBAY1  
05/01/2003 FALLEN 00000003 031728 09766520  
01 FC:1251 110.00 CR

# facsimile

## TRANSMITTAL

---

Date: July 10, 2003

No. of Pages: 2 (including this cover sheet)

Fax No.: 703-308-5077

**PLEASE DELIVER THE FOLLOWING PAGES IMMEDIATELY TO:**

Name: Commissioner of Patents

Art Unit: 1745

Examiner: Susy N. Tsang Foster

Phone:

From: D. Bruce Prout  
Reg No. 20,958

Re: Application No. 09/766,520; Filed January 19, 2001  
Entitled ELECTROLYTE FOR LITHIUM SECONDARY BATTERY AND  
LITHIUM SECONDARY BATTERY COMPRISING SAME

File: 41546/DBP/Y35

---

Attached is a copy of the May 2003 Deposit Account Statement No. 03-1728. Please note the first entry, application no. 09766520, attorney docket 41546/DBP/Y, fee code 1251, amount \$110.

There are two ways the \$110 charge might have been incorrectly entered: (1) On December 30, 2002 an amendment was filed, in response to the August 28, 2002 office action. Along with the amendment was a petition for extension of time for one month in the amount of \$110, check no. 011061. (2) On April 18, 2003 a response was filed to the March 20, 2003 office action, 2 days before the due date. If you need further backup, please advise. Otherwise, please investigate this matter and credit our deposit account no. 03-1728 the amount of \$110.

Debbie Prout  
Secretary to D. Bruce Prout

Christie, Parker & Hale, LLP  
350 West Colorado Boulevard  
Post Office Box 7068  
Pasadena, CA 91109-7068  
626-795-9900  
Fax: 626-577-8800

---

**confidential**

*The information in this transmission is confidential and is intended only for the use of the individual or entity named above. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please notify us immediately by telephone collect, and return the original message to us at the above address via U.S. mail. We will reimburse you for postage. Thank you.*

## Deposit Account Statement

Page 1 of 3



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

Remind To:

USPTO  
Home  
PageFinance  
Home  
Page

## Deposit Account Statement

Requested Statement Month:

May 2003

Deposit Account Number:

031728

Name:

CHRISTIE PARKER &amp; HALE

Attention:

BYRON C. HIBDON

Address:

P.O. BOX 7068

City:

PASADENA

State:

CA

Zip:

91109-7068

ENTERED

Batch 25

| DATE  | SEQ | POSTING<br>REF TXT | ATTORNEY<br>DOCKET<br>NBR | FEE<br>CODE | AMT          | BAL         |
|-------|-----|--------------------|---------------------------|-------------|--------------|-------------|
| 05/01 | 3   | 09766520           | 41548/DBP/Y35             | 1251        | ✓ \$110.00   | \$23,294.60 |
| 05/01 | 367 | PCT/US03/12911     | 49730P/R573               | 1802        | ✓ \$250.00   | \$23,044.60 |
| 05/02 | 1   | 09562611           | 37644/KMO/W112            | 1814        | ✓ \$110.00   | \$22,934.60 |
| 05/02 | 386 | 78244677           | 45192/AW/F374             | 7001        | ✓ \$335.00   | \$22,599.60 |
| 05/02 | 396 | 78244683           | 45193/AW/F374             | 7001        | ✓ \$335.00   | \$22,264.60 |
| 05/05 | 391 | 78245273           | 50268/5202                | 7001        | ✓ \$335.00   | \$21,929.60 |
| 05/05 | 463 | 1236068            | 37755/RAG/M743            | 7205        | ✓ \$100.00   | \$21,829.60 |
| 05/05 | 464 | 1236088            | 37755/RAG/M743            | 7201        | ✓ \$400.00   | \$21,429.60 |
| 05/06 | 18  | 2011202            | 26522/0214                | 9204        | ✓ \$100.00   | \$21,529.60 |
| 05/07 | 243 | 78246351           | 50279/RAH/M743            | 7001        | ✓ \$670.00   | \$20,859.60 |
| 05/07 | 257 | 2380288            | 50148/8600                | 8521        | ✓ \$40.00    | \$20,819.60 |
| 05/07 | 258 | 2560784            | 50149/3600                | 8522        | ✓ \$25.00    | \$20,794.60 |
| 05/08 | 6   | 10272617           | 48891DMCS584              | 1806        | ✓ \$180.00   | \$20,614.60 |
| 05/08 | 121 | 5003603            | 41209/E288                | 8021        | ✓ \$40.00    | \$20,574.60 |
| 05/08 | 122 | 5068900            | 41511/E288                | 8021        | ✓ \$40.00    | \$20,534.60 |
| 05/08 | 181 | 08502403           | 9259/116 93731F900US1     | 1504        | ✓ \$300.00   | \$20,234.60 |
| 05/09 | 877 | 78247795           | 50278/RAH/M743            | 7001        | ✓ \$670.00   | \$19,564.60 |
| 05/12 | 5   | 1007931            | 50317-49347               | 8507        | ✓ \$30.00    | \$19,534.60 |
| 05/12 | 104 | 09716767           | 40946MEGT463              | 1403        | ✓ \$20.00    | \$19,514.60 |
| 05/12 | 403 | 1769973            | 38046/RAG/C830            | 7205        | ✓ \$100.00   | \$19,414.60 |
| 05/12 | 404 | 1769973            | 38046/RAG/C830            | 7201        | ✓ \$400.00   | \$19,014.60 |
| 05/13 | 236 | 78248593           | 50320/0924                | 7001        | ✓ \$335.00   | \$18,679.60 |
| 05/13 | 266 | 78248604           | 50326/LTR/U68             | 7001        | ✓ \$335.00   | \$18,344.60 |
| 05/13 | 376 | 78248660           | 50327/DAP/D359            | 7001        | ✓ \$335.00   | \$18,009.60 |
| 05/13 | 564 | 78248773           | 50224/DBP/L502            | 7001        | ✓ \$335.00   | \$17,674.60 |
| 05/13 | 567 | 78072740           | 45623/R566                | 7003        | ✓ \$100.00   | \$17,574.60 |
| 05/14 | 39  | 09882138           | 45223TJDO125              | 1453        | ✓ \$1,300.00 | \$16,274.60 |
| 05/14 | 67  | 78249107           | 50330/KMO/G448            | 7001        | ✓ \$335.00   | \$15,939.60 |